	Application No.	Applicant(s)
Notice of Allowability	10/016,740	KIME ET AL.
	Examiner	Art Unit	
	Aaron Strange	2153	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the response filed 3/19/07*.

2. ☒ The allowed claim(s) is/are *31-33, 35, 36, 39-46, 49-53 and 58-60 (now renumbered 1-21)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

            International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

       Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☒ Other *See Continuation Sheet*.

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SUPERVISORY PATENT EXAMINER

Continuation of Attachment(s) 9. Other: replacement claims 31, 39, 44, 49 and 58.

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this Examiner's amendment was given in a telephone interview

with Aslam Jaffery (Reg. No. 51,841) on 6/4/2007.

The application has been amended as follows:

IN THE SPECIFICATION:

Replace ¶26 with:

[0026]   While, as illustrated, server 102 and client 104 may comprise
memory 204 and memory 214, respectively, each may comprise any machine-
readable medium, including any mechanism that provides (i.e., stores and/or
transmits) information in a form readable by a machine (e.g., a computer). For
example, a machine-readable medium includes storage mediums such as
read only memory (ROM); random access memory (RAM); magnetic disk
storage media; optical storage media; and flash memory devices; as well as
transmission mediums such as electrical, optical, acoustical or other form of
propagated signals (e.g., carrier waves, infrared signals, digital signals, etc.);
etc.

IN THE CLAIMS:

a) **CANCEL** claims 34 and 48.

b) In claim 36, **DELETE** "receiving the unique validation key at the associated

destination;" from line 2.

c) In claim 59, **INSERT** "storage" **AFTER** "machine-readable" in line 1.

d) In claim 60, **INSERT** "storage" **AFTER** "machine-readable" in line 1.

e) **REPLACE** claims 31, 39, 44, 49 and 58 **with the attached claims**.

Allowable Subject Matter

2.   Claims 31-33, 35, 36, 39-46, 49-53 and 58-60 (now renumbered 1-21) are

allowed.

3.   The following is the Examiner's statement of reasons for allowance:

Applicant's amendments and accompanying arguments, see pages 9-11 of the

remarks fled 3/19/2007, with respect to claims 31-36, 39-41, 44-46, 48-51 and 58-60

have been fully considered and are persuasive. The rejection of those claims has been

withdrawn.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Aaron Strange whose telephone number is 571-272-

3959. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Glen Burgess can be reached on 571-272-3949. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AS
6/5/07

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ATTACHMENT TO EXAMINER'S AMENDMENT FOR 10/016,740

Claim 31: A method comprising:

generating a unique validation key associated with a data stream, the unique validation key to map the data stream with a source, wherein the unique validation key is generated based on a combination of a uniform resource locator (URL) and an encryption key;

storing the unique validation key;

sending the unique validation key to the client at the associated destination;

receiving a request for a data stream from the client after sending the unique validation key to the client;

generating the data stream;

embedding the unique validation key in the data stream to form a validation key embedded data stream, wherein the validation key embedded data stream is to ensure that the data stream includes content intended for an associated destination, wherein the validation key is embedded in the data stream wrapped by predetermined data, the predetermined data including a number of predetermined bytes to precede and trail the validation key; and

sending the validation key embedded data stream to the client at the associated destination.

Claim 39: A method comprising:

receiving a unique validation key associated with a data stream, the unique validation key to map the data stream with a source, wherein the unique validation key received is generated based on a combination of a uniform resource locator (URL) and an encryption key;

storing the unique validation key;

requesting a data stream after receiving the unique validation key;

receiving the data stream;

sampling the data stream to detect the unique validation key embedded in the data stream, wherein the validation key embedded data stream is to ensure that the data stream includes content intended for an associated destination, wherein the validation key is embedded in the data stream wrapped by predetermined data, the predetermined data including a number of predetermined bytes to precede and trail the validation key; and

validating the data stream in response to detecting the unique validation key embedded in the data stream.

Claim 44: An apparatus, comprising:
a database;
a server coupled with the database and an associated destination, the associated
      destination including a client, the server to receive a request for a data stream,
      the server having
            a processor, and
            a memory coupled with the processor, the memory including
                  a key generation module (KGM) to generate a unique validation
                        key associated with the data stream and send the unique
                        validation key to the client at the associated destination
                        prior to receiving the request for the data stream, the
                        unique validation key to map the data stream with a
                        source, wherein the unique validation key is generated
                        based on a combination of a uniform resource locator
                        (URL) and an encryption key; and
                an encoder to embed the unique validation key in the data
                        stream to form a validation key embedded data stream,
                        wherein the. validation key embedded data stream is to
                        ensure that the data stream includes content intended for
                        an associated destination, wherein the validation key is
                        embedded in the data stream wrapped by predetermined
                        data, the predetermined data including a number of
                        predetermined bytes to precede and trail the validation
                        key;
the database to store the unique validation key; and
the server to send the validation key embedded data stream to the associated
      destination.

Claim 49: A system, comprising:
a server coupled with a client and a database, the server to receive a request for a data
stream, the server including
      a key generation module (KGM) to generate a unique validation key associated
            with the data stream and send the unique validation key to the client at
            the associated destination prior to receiving the request for the data
            stream, the unique validation key to map the data stream with a source,
            wherein the unique validation key is generated based on a combination
            of a uniform resource locator (URL) and an encryption key; and
      an encoder to embed the unique validation key in the data stream to form a
            validation key embedded data stream, wherein the validation key
            embedded data stream is to ensure that the data stream includes content
            intended for an associated destination, wherein the validation key is
            embedded in the data stream wrapped by predetermined data, the
            predetermined data including a number of predetermined bytes to
            precede and trail the validation key;
the client to receive the validation key embedded data stream; and
the database to store the unique validation key.

Claim 58: A machine-readable storage medium comprising instructions, which when executed by a machine, cause the machine to:

generate a unique validation key associated with a data stream, the unique validation key to map the data stream with a source, wherein the unique validation key is generated based on a combination of a uniform resource locator (URL) and an encryption key;

store the unique validation key;

send the unique validation key to the client at the associated destination;

generate the data stream in response to a request for the data stream received from the client after sending the unique validation key to the client;

embed the unique validation key in the data stream to form a validation key embedded data stream, wherein the validation key embedded data stream is to ensure that the data stream includes content intended for an associated destination, wherein the validation key is embedded in the data stream wrapped by predetermined data, the predetermined data including a number of predetermined bytes to precede and trail the validation key; and

send the validation key embedded data stream to the client at the associated destination.